Advertisement No.10/2014, Dated 17.09.2014

Recruitment for Faculty Positions in Various Departments

Motilal Nehru National Institute of Technology Allahabad [MNNIT Allahabad], an Institution of National Importance declared by the Act of Parliament and a premier technical institution of the Country, offers several undergraduate, postgraduate and doctoral programmes in Technology, Science, Management & allied areas, and also provides excellent ambience for academic research and co-curricular activities.

Applications are invited for faculty positions at the level of **Assistant Professor** in various departments of the Institute.

Interested candidates may apply on the prescribed format available on the Institute website **http://www.mnnit.ac.in**. Completed application form along with all supporting documents and application fee in the form of demand draft must reach the following address latest by **31.10.2014** upto **5.30 P.M.**

The Registrar
Motilal Nehru National Institute of Technology Allahabad
Allahabad-211 004

For further details please visit the Institute website **http:// www.mnnit.ac.in**

Registrar

Recruitment of Assistant Professorsin Various Departments

Applications are invited from Indian Nationals for faculty positions at the level Assistant Professor in the following departments/school/cell of the Institute:

Sl. No.	Department/School/Cell
1.	Department of Applied Mechanics
2.	Department of Biotechnology
3.	Department of Chemical Engineering
4.	Department of Civil Engineering
5.	Department of Computer Science & Engineering
6.	Department of Chemistry
7.	Department of Electrical Engineering
8.	Department of Electronics and Communication Engineering
9.	Department of Mechanical Engineering
10.	Department of Mathematics
11.	Department of Humanities and Social Sciences
12.	Department of Physics
13.	School of Management Studies
14.	GIS [Geographic Information System] Cell

Facilities extended to the faculty members of MNNITAllahabad

The Institute extends following facilities to its faculty members as per norms, which may change from time to time.

1. Financial assistance for attending national/international conferences for presenting paper or chairing session, for sponsored training in India and abroad, membership of professional societies etc. under the scheme of Cumulative Professional Development Allowance [CPDA] limited to ₹1.00 lakh per annum subject to the maximum limit of ₹3.00 lakh in a block period of three years.

2. An initial research grant up to ₹2.00 Lakh for new faculty.

3. Provision for undertaking consultancy and testing work as per Institute norms.

4. On campus residence [depending on availability], club and transportation facilities at nominal charges.

5. Medical Facilities to faculty and their dependent family members as per rules.

6. Reimbursement of expenses on telephone as per approved norms.

7. Reimbursement of tuition fees for children studying upto class XII as per Government of India norms.

8. Transfer TA on retirement.

Qualification, Experience and Pay Band for Assistant Professor

Essential Qualification, Experience and Other requirements[As per Recruitment Rules for the faculty posts under four – tier flexible faculty cadre in National Institutes of Technology (NITs)]

Designation, Pay Band and Academic Grade Pay	Essential Qualification	Relevant Experience	Other Essential Requirements	Additional Desirable Requirements
Assistant Professor [On Contract] PB-3 with Grade Pay of ₹6000/- + 07 additional non-compounded increments	Ph.D.	None	None	One publication in an SCI Journal.
Assistant Professor [On Contract] PB-3 with Grade Pay of ₹7000/-	Ph.D.	01 year	One paper accepted for publication in SCI journal.	Two SCI Journals papers or one patent; may be based on Ph.D. work.
Assistant Professor PB-3 with Grade Pay of ₹8000/-	Ph.D.	3 years after Ph. D. or 6 years [not counting Ph.D. enrolment period] total after obtaining M. Tech. degree.	2 papers in SCI journals outside Ph. D. Work. One ongoing sponsored project for candidates from academia. Two experiments or computational projects added to teaching laboratories where appropriate.	One Ph.D. supervision ongoing; 01 patent; Experience in Industry or R&D lab of repute; M.Tech., M.Sc. or B.Tech. project supervision on live industrial problems.

For details please visit "Recruitment Rules for the faculty posts under four – tier flexible faculty cadre in National Institutes of Technology (NITs)" available on the Institute website under the link http://www.mnnit.ac.in/images/stories/Four-Tier%20Norms%20and%20Revised%20RRs%20_15_January_2014.pdf

1. **Common Essential Requirements:** Superior academic record at all levels from high school onwards and First class in B.Tech./M.Sc. and in M.Tech.

   For Non-engineering disciplines: Ph.D. degree with first class degree at both UG and PG levels.

2. Serving regular faculty members shall be eligible to apply for higher positions in their own departments irrespective of their specializations, if they satisfy other advertised criteria.

Number of Vacancies

Designation	Vacant Position
Assistant Professor	**96 [UR:40, OBC:30, SC:15, ST:11, PWD*: 05]**

*Persons with Disability

Desirable Specialisations for various Departments/School/Cell:

Sl. No	Departments/School/Cell	Desirable Specialisations	Branch of Engineering/Discipline
1.	**Department of Applied Mechanics**	Solid Mechanics and related Areas.	B.Tech. or equivalent in Mechanical/Production /Civil/Aeronautical/ Aerospace Engineering with M.Tech. or equivalent and Ph.D. in areas relevant to Solid Mechanics.
		Material Science & Engineering and related Areas.	B.Tech. or equivalent in Materials Science/Metallurgy/Ceramics/Polymer/Mechanical/ Industrial & Production Engineering/ Chemical Engineering with M.Tech. or equivalent and Ph.D. in areas relevant to Material Science and Engineering.
		Fluid Engineering and related areas,	B.Tech. or equivalent in Mechanical/Production /Civil/Aeronautical/Aerospace Engineering/Chemical Engineering with M.Tech. or equivalent and Ph.D. in areas relevant to Fluid Mechanics and Turbomachines.
		Biomedical Engineering &related Areas	B.Tech. in Biomedical Engineering or appropriate branch of engineering/M.Sc. in appropriate specialization/MBBS with M.Tech. in Biomedical Engineering and Ph.D. in relevant area.
2.	**Biotechnology**	Environmental Biotechnology, Microbiology, Biochemistry, Agricultural Biotechnology, Molecular Biology, Bioinformatics, Medical Biotechnology, Immunotechnology, Genetics Molecular Biology, Enzyme Technology, Bioprocess and Product Development, Biochemical Egg., Bioenergy, Nan biotechnology, Animal Biotechnology	1. B.Tech. or equivalent in Biotechnology. 2. M.Tech. or equivalent in Biotechnology / Biochemical Engineering. 3. Bachelor Degree in Science. M.Sc. or equivalent in Biotechnology / Applied Biological Sciences (Microbiology, Biochemistry, Genetics, Molecular Biology, Pharmacy, Bioinformatics, Biophysics, Agricultural Botany, Life Science, Zoology or equivalent). 4. Ph.D. in appropriate discipline.

Sl. No	Departments/School/Cell	Desirable Specialisations	Branch of Engineering/Discipline
3.	**Department of Chemical Engineering**	Process Design, Heat Transfer, Mass Transfer, Transport Phenomena, Process Control, Modeling and Simulation, Environmental Engineering.	1. B.Tech. or equivalent in major areas of Chemical Engineering 2. M.Tech. or equivalent in major areas of Chemical Engineering 3. Ph.D. in in major areas of Chemical Engineering
4.	**Department of Civil Engineering**	Structural Engineering, Geotechnical Engineering, Environmental Engineering, Transportation Engineering, Water Resources Engineering, Remote Sensing /GIS/Surveying, Architecture	1. B.Tech. or equivalent in major areas of Civil Engineering 2. M.Tech. or equivalent in major areas of Civil Engineering 3. Ph.D. in appropriate discipline.
5.	**Department of Chemistry**	Inorganic / Organic / Physical Chemistry	1. M.Sc in Chemistry 2. Ph.D. in appropriate discipline.
6.	**Department of Computer Sciences & Engineering**	Computer Science & Engineering, Computer Technology, Computer Information Technology, Computer Applications.	1. B.Tech. or equivalent in Computer Science & Engineering/ Information Technology/ Electronics Engineering/ Master of Computer Application or equivalent. 2. M.Tech. in major areas of Computer Science & Engineering / Information Technology or equivalent. 3. Ph.D. in major areas of Computer Science & Engineering / Information Technology.
7.	**Department of Electrical Engineering**	Electrical Machines & Machine Design, Power Electronics and Electrical Drives, Electric Vehicle, Instrumentation, Virtual Instrumentation, Stochastic Control, Intelligent Control, HVDC, Electrical Safety, Robotics, Embedded System, Digital Electronics – Signal Professing, Communication and Networking, Computer organization & Data Structure, MEMS, Nanotechnology.	1. B.Tech. or equivalent in Electrical Engineering/ Electrical & Electronics Engineering/ Electrical & Instrumentation Engineering 2. M.Tech. or equivalent in Control System/ Power Electronics/ Power System and Electric Machine/ Signal Processing & ASIC Design/ Instrumentation & Control 3. Ph.D. in major areas of Electrical Engineering.

Sl. No	Departments/School/Cell	Desirable Specialisations	Branch of Engineering/Discipline
8.	**Department of Electronics and Communication Engineering**	Microelectronics and VLSI Design, Microprocessor and Embedded Systems Design, Signal Processing, RF & Microwaves, Communication Systems & Networking, Analog& Digital Circuits, Electronic Devices & Circuits, Wireless & Mobile Communication, Opto-electronics and Optical Communication	1. B.Tech. in Electronics & Communication Engineering or equivalent 2. M.Tech. in major areas of Electronics & Communication Engineering or equivalent 3. Ph.D. in major areas of Electronics & Communication Engineering
9.	**Department of Mechanical Engineering**	Industrial Engineering, Ergonomics, Rapid Prototype Technology, Thermal Engineering, Nano Technology, Product Design & Development, Refrigeration & Air- Conducting, Heat & Mass Transfer, Turbo Machinery, Power Plant Engineering, Instrumentation & Metrology, Mechatronics & Robotics, Automobile Engineering and Tribology	1. B.Tech. or equivalent in Mechanical Engineering/ Production Engineering/ Industrial Engineering/ Manufacturing Engineering/ Automobile Engineering 2. M.Tech. or equivalent in major areas of Design, Production, CAD/CAM and Thermal Engineering. 3. Ph.D. in appropriate discipline.
10.	**Department of Mathematics**	Applied Mathematics	1. M. Sc. in Mathematics. 2. Ph.D. in major areas of Engineering Mathematics.
11.	**Department of Humanities and Social Sciences**	English Literature, Linguistics, English Language Teaching, Accounting, Financial Management, Human Resource Management, Rural Development Sociology, Psychology, Economics and Social Work	Ph.D. in appropriate discipline/ area
12.	**Department of Physics**	Condensed Matter Physics	1. M. Sc. in Physics/ Applied Physics 2. Ph.D. in appropriate discipline.
13.	**School of Management Studies**	Financial Management and Accounting, Marketing	1. Ph.D. in major areas of Management Studies.

Sl. No	Departments/School/Cell	Desirable Specialisations	Branch of Engineering/Discipline
		Management, Human Resource Management, System Management, International Business Management, Operations Management, Entrepreneurship, Strategic Management.	
14.	**GIS [Geographic Information System] Cell**	Remote Sensing, Geoinformatics / Geomatics Engineering.	1. B.E./B.Tech. Degree in Engineering or Technology. 2. M.E./M.Tech. Degree in GIS and Remote Sensing/ Geoinformatics/ Geomatics Engineering 3. Ph.D. Degree in field of GIS and Remote Sensing.

Note: The specializations mentioned above are indicative.

Important Information

1. An applicant in employment [Government/Semi Government Organizations] must send his/her application through proper channel. For such candidates appointment on deputation may also be considered. A "No Objection Certificate" from the employer must be submitted at the time of interview in case the application is not routed through proper channel.

2. Fresh appointees will be covered under the New Pension Scheme [NPS-2004] as per Govt. of India rules.

3. Mere possession of the prescribed qualification does not ensure that the candidate would be called for interview.

4. The applicant will be responsible for the authenticity of submitted information, other documents and photograph.

5. Incomplete applications or forms without prescribed application fee, wherever applicable, will be rejected outright without showing any reason.

6. No application will be considered, which are received after the deadline.

7. For updates please visit the Institute website regularly as any subsequent corrigendum/addendum etc shall be published on the Institute Website only.

8. For any clarifications please contact at the email **facultyrecruitment@mnnit.ac.in**

9. Caste Certificate (in original) in the Central Government format must be produced at the time of interview.

10. For OBC [Non-Creamy Layer] candidates, the caste certificate must be in the format applicable for employment in Central Government organisations.

11. For PWD candidates, the disability certificate must be issued by the competent medical authorities as applicable for employment in central government organisations. The final selection will be made on the basis of the recommendations of a Medical Board to be appointed for examining the physical disability.

12. Number of vacancies may be increased or decreased at the time of selection.

Check List

Filled-in application form must be submitted with the following documents:

1. Duly signed and filled-in downloaded Application Form and Summary Sheet [in original].

2. Signature of the applicant with date on all pages of the Application Form and Summary Sheet is mandatory.

3. A self attested recent passport size photographpasted on the Application Form.

4. Self attested photocopies of testimonials, certificates and all enclosures in support of claims made in the Application Form.

5. Detailed list of publications with reprints of papers published in SCI journals outside Ph.D. work, where applicable.

6. Detailed list of PG thesis supervised and UG Projects guided giving name of student, branch, year and title of the thesis/project.

7. Application fees in the form of demand draft of ₹**500/- for UR&OBC [Non-Creamy layer] candidates only** in favour o**f DIRECTOR, MNNIT Allahabad** payable at **Allahabad.** No application fees is required from SC / ST and PWD candidates

8. Superscribe the covering envelop of your application with the Advertisement Number, the position and the department/school/cell applied for.

9. Filled in application form along with Summary Sheet, supporting documents and application fee [as applicable] must reach the following address latest by **31.10.2014** upto **5.30 P.M**.

The Registrar
Motilal Nehru National Institute of Technology Allahabad
Allahabad-211 004